

ADF&G STAFF ORAL PRESENTATION ALASKA BOARD OF FISHERIES

SOUTHEAST ALASKA AND YAKUTAT AREAS
SHELLFISH REGULATORY PROPOSALS
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Southeast Alaska Dungeness Crab Non-commercial Fisheries

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Southeast Alaska Dungeness Crab Non-commercial Overview

- **User groups**
 - **Sport**
 - Residents and nonresidents
 - **Personal Use**
 - Residents only
 - **Subsistence**
 - Residents only



Southeast Alaska Dungeness Crab Non-commercial Management

- **All user groups**
 - Males only
 - 6 1/2 –inch minimum carapace width
 - Open year-round unless closed by EO
- **Sport**
 - 4 pots/10 ring nets per person
 - 10 pots/20 ring nets per vessel
 - Daily bag and possession limits
 - 3 legal males



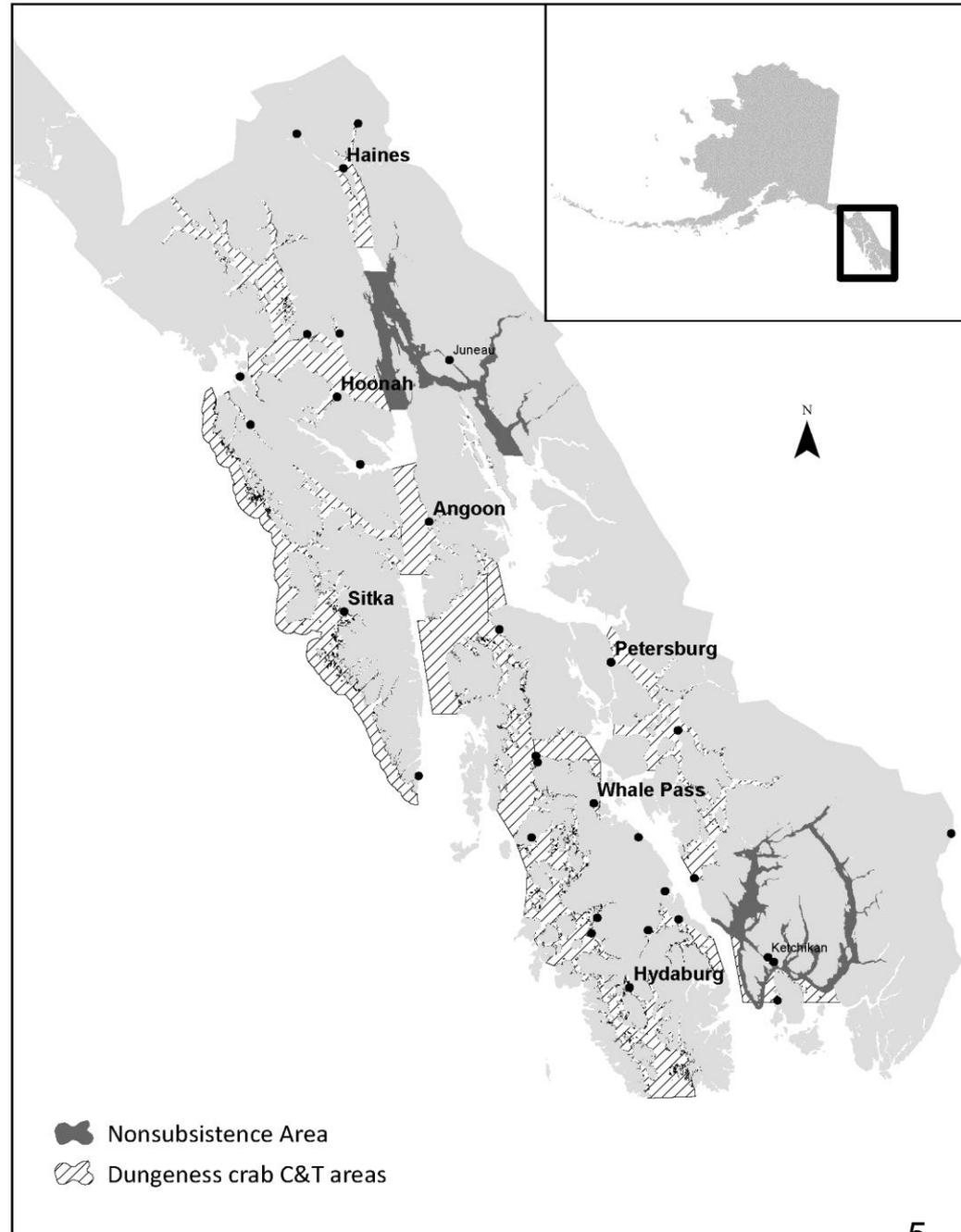
Southeast Alaska Dungeness Crab Non-commercial Management

- **Personal Use/Subsistence**
 - 5 pots/10 ring nets per person
 - 10 pots/20 ring nets per vessel
 - **Daily bag and possession limits:**
 - 20 legal males



Southeast Alaska Dungeness Crab

Areas with positive
customary and
traditional use findings
for Dungeness crab



Southeast Alaska Dungeness Crab Non-commercial Proposals

- **Proposals with potential subsistence/personal use implications**
 - **Proposals 70–79: Closed waters***

- **Sport**
 - **Proposals 80 and 81: Ecotourism**



* Proposals 76 and 77 concern waters within the Juneau Nonsubsistence Area

Southeast Alaska Dungeness Crab Non-commercial Proposals

- **Communities near proposed closed waters**
 - Hydaburg (Proposal 70)
 - Whale Pass (Proposal 71)
 - Petersburg (Proposals 72 and 73)
 - Sitka (Proposal 74)
 - Angoon (Proposal 75)
 - Hoonah (Proposal 78)
 - Haines (Proposal 79)



Southeast Alaska Dungeness Crab Subsistence Fisheries

- **Primarily Dungeness crab targeted**
- **Historical records indicate continual use of crab since 1800s**
- **Methods—historical: digging sticks, spears**
- **Methods – contemporary: pots, rings, digging implements, removal from commercial catches**



Southeast Alaska Dungeness Crab Subsistence Fisheries

- **Harvest most common in spring through fall**
- **Eaten fresh, frozen, and canned**
- **High use and sharing rates**



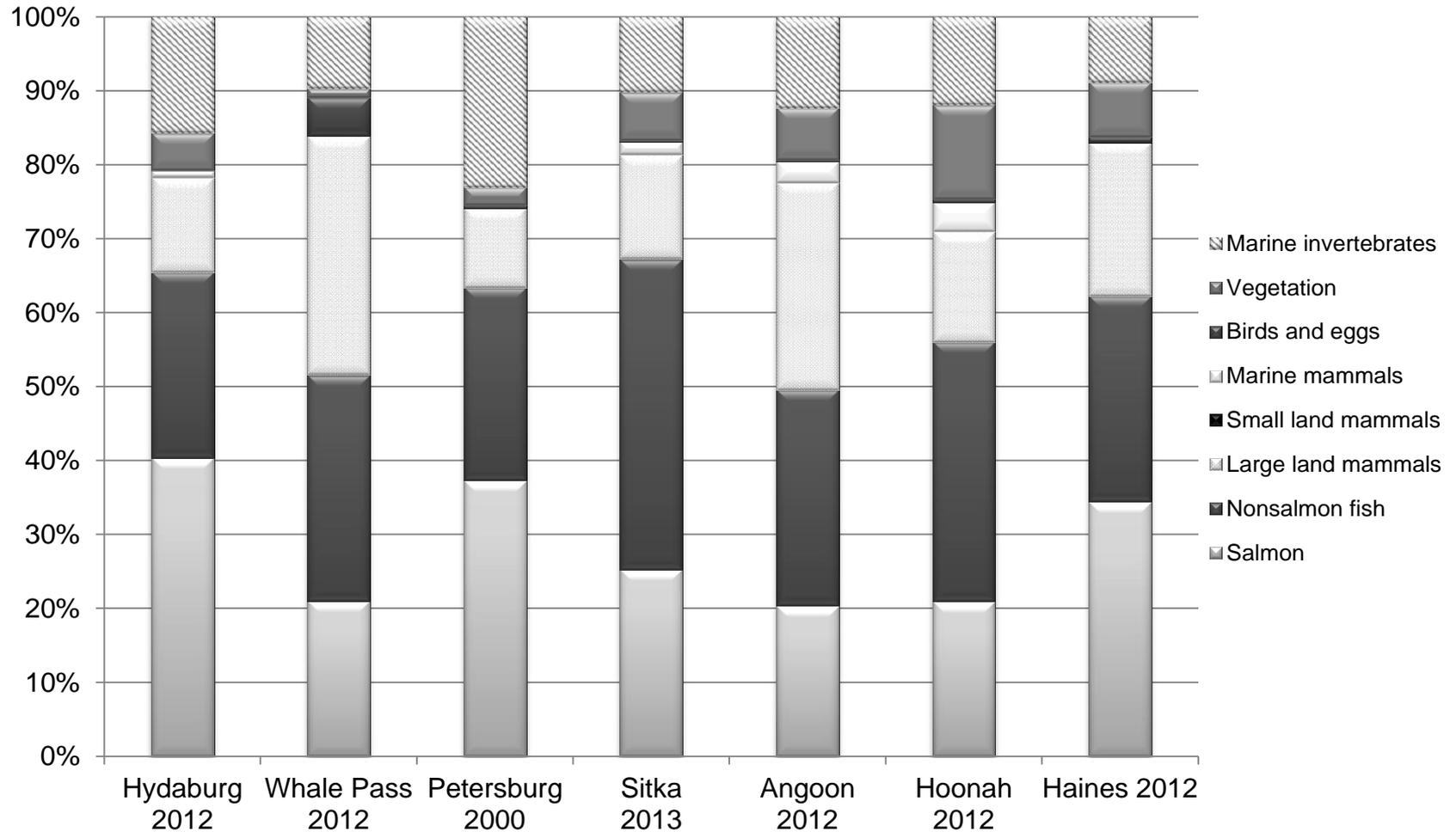
Southeast Alaska Dungeness Crab Non-commercial Harvests

- **Two sources of harvest data**
 - **Statewide harvest survey**
 - **Household harvest surveys**
- **Comprehensive household surveys in 2012 and 2013***
- **All crab used in the home – personal use, subsistence, sport, removed from commercial catches**
- **Maps of harvest areas can be found in staff comments, RC 1**

*Most recent Petersburg survey was in 2000.



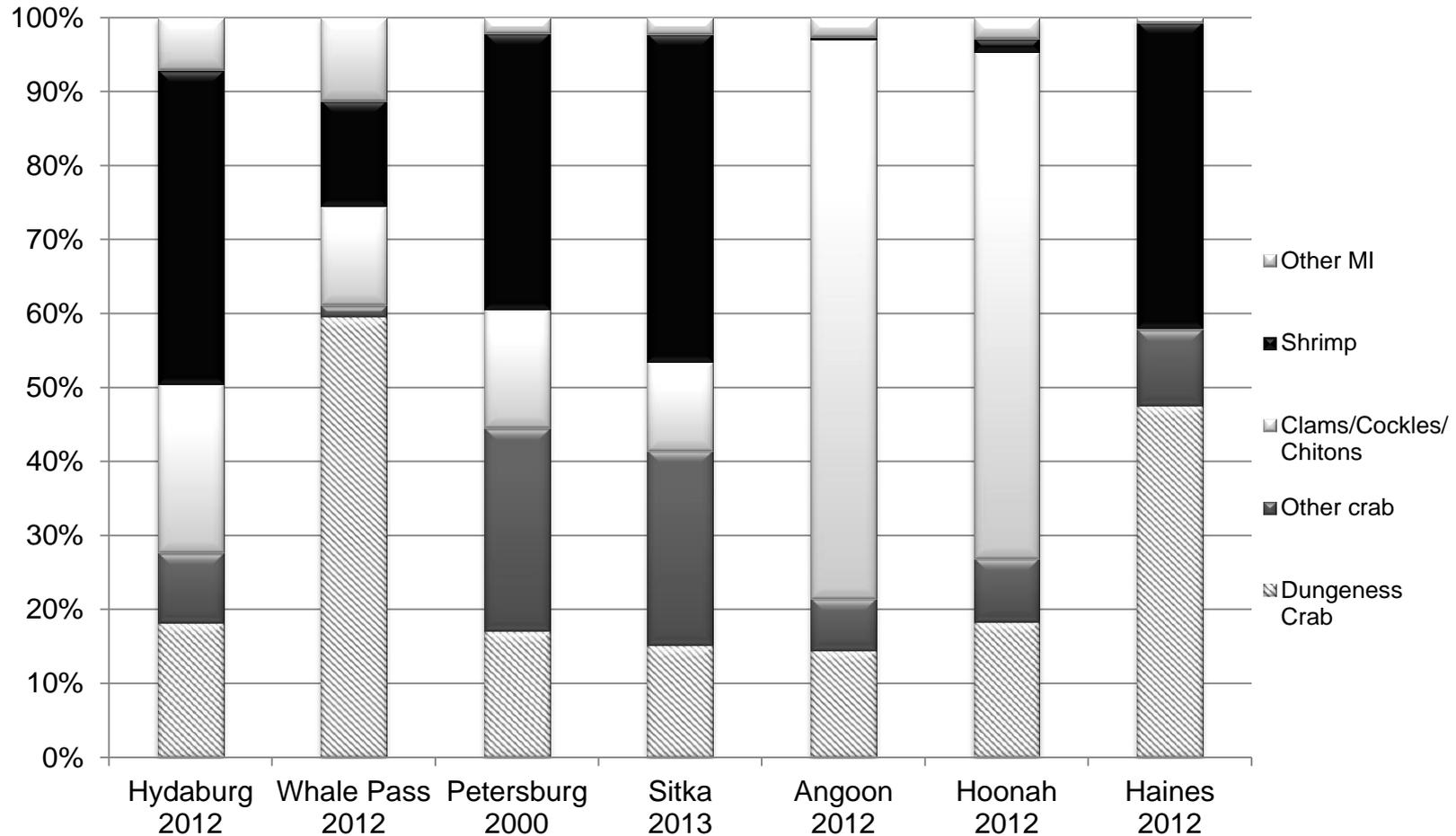
Composition of resource harvests



Source: ADF&G household surveys, 2000, 2012 and 2013; Sitka data is preliminary



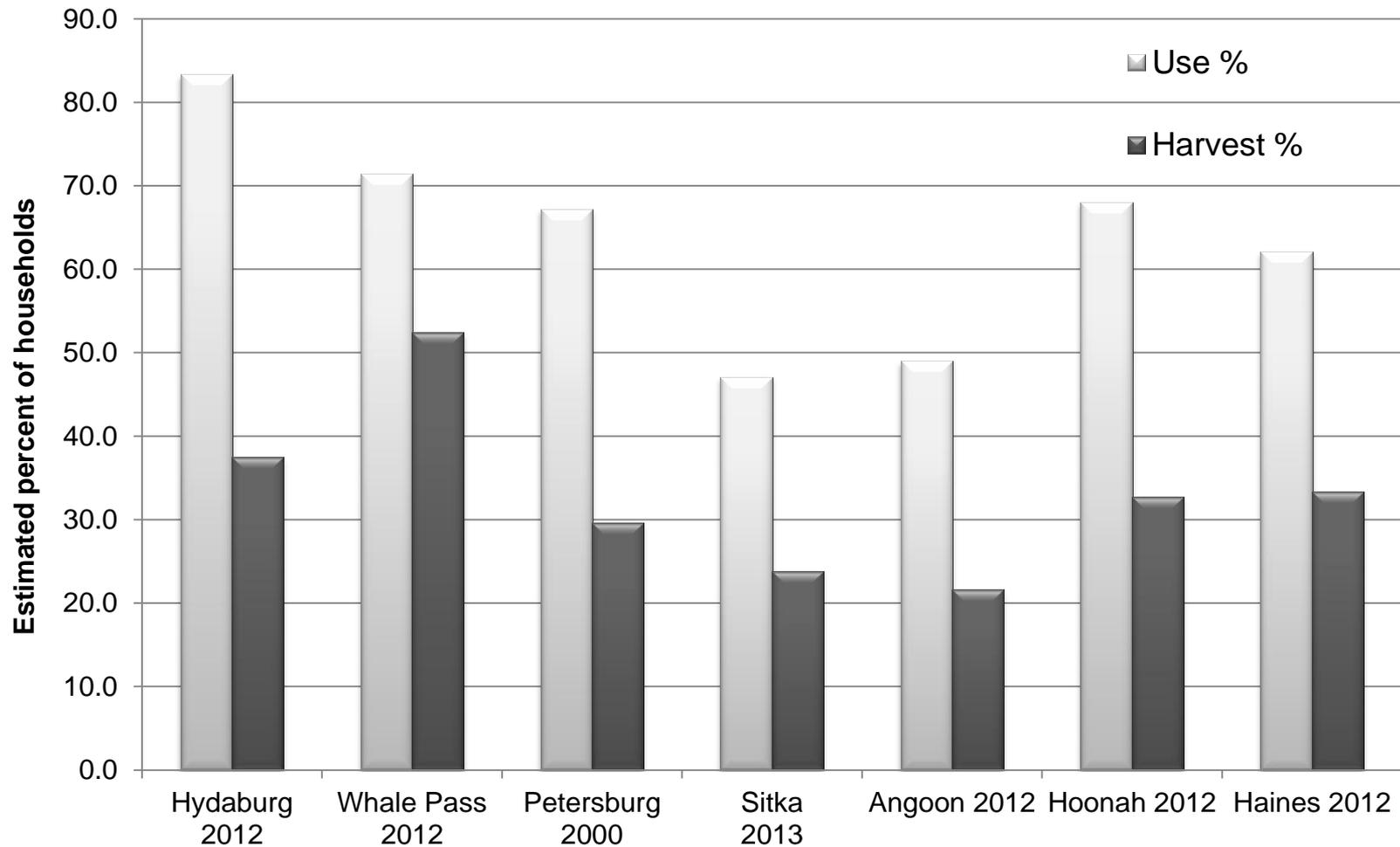
Composition of harvests: Marine invertebrates



Source: ADF&G household surveys, 2000, 2012 and 2013; Sitka data is preliminary



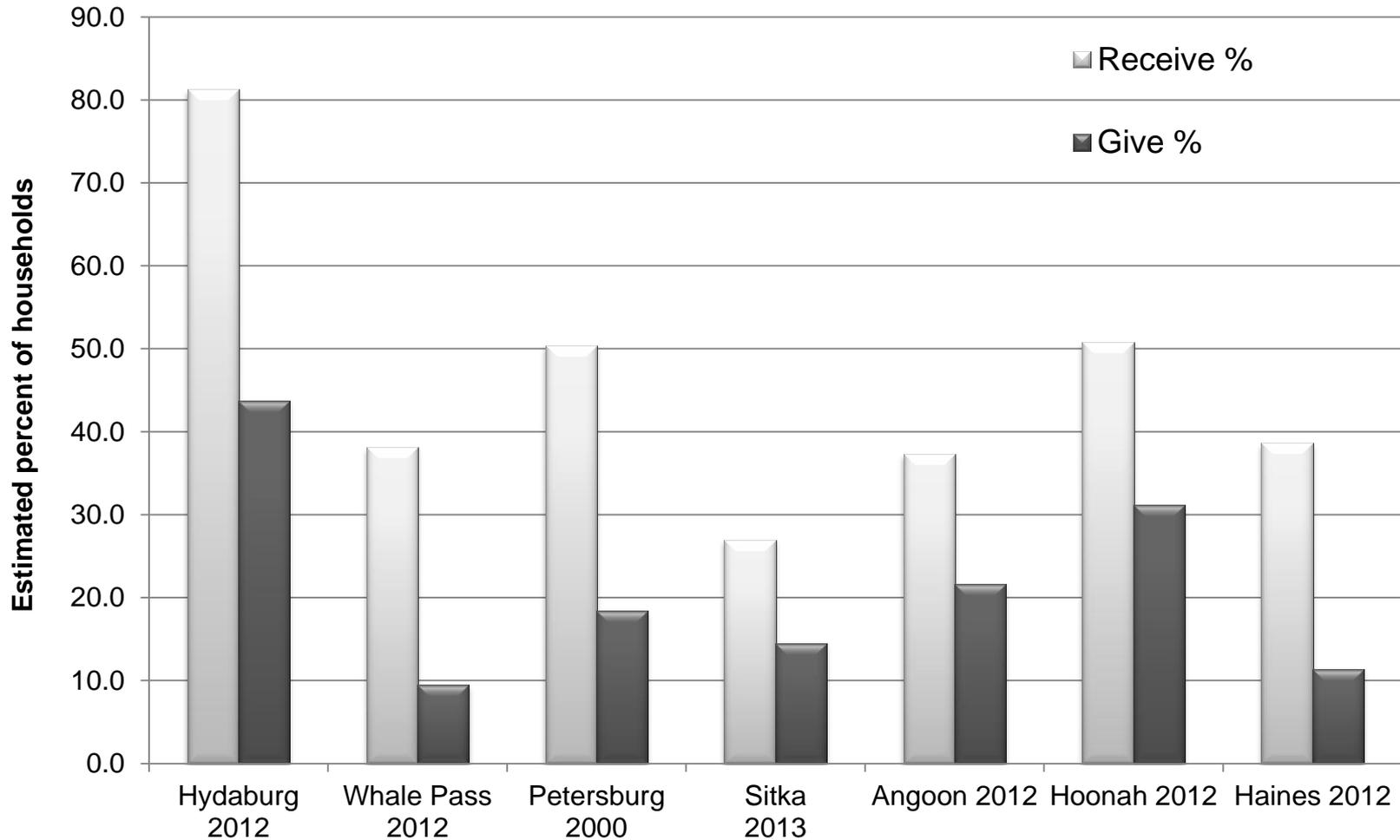
Use and harvest of Dungeness crab



Source: ADF&G household surveys, 2000, 2012 and 2013; Sitka data is preliminary



Sharing of Dungeness crab

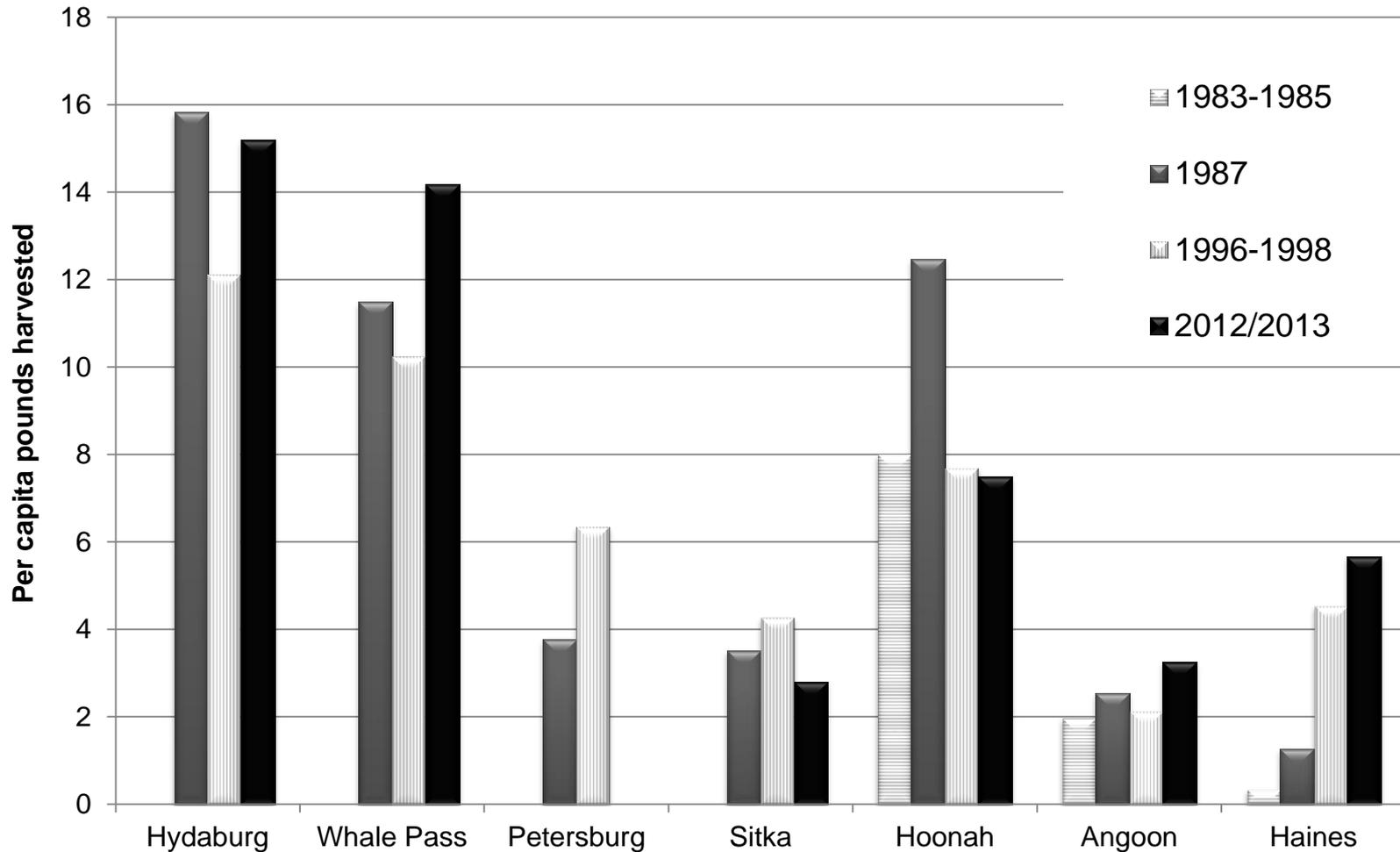


Source: ADF&G household surveys, 2000, 2012 and 2013; Sitka data is preliminary



Household harvest survey:

Dungeness crab harvest estimates by community

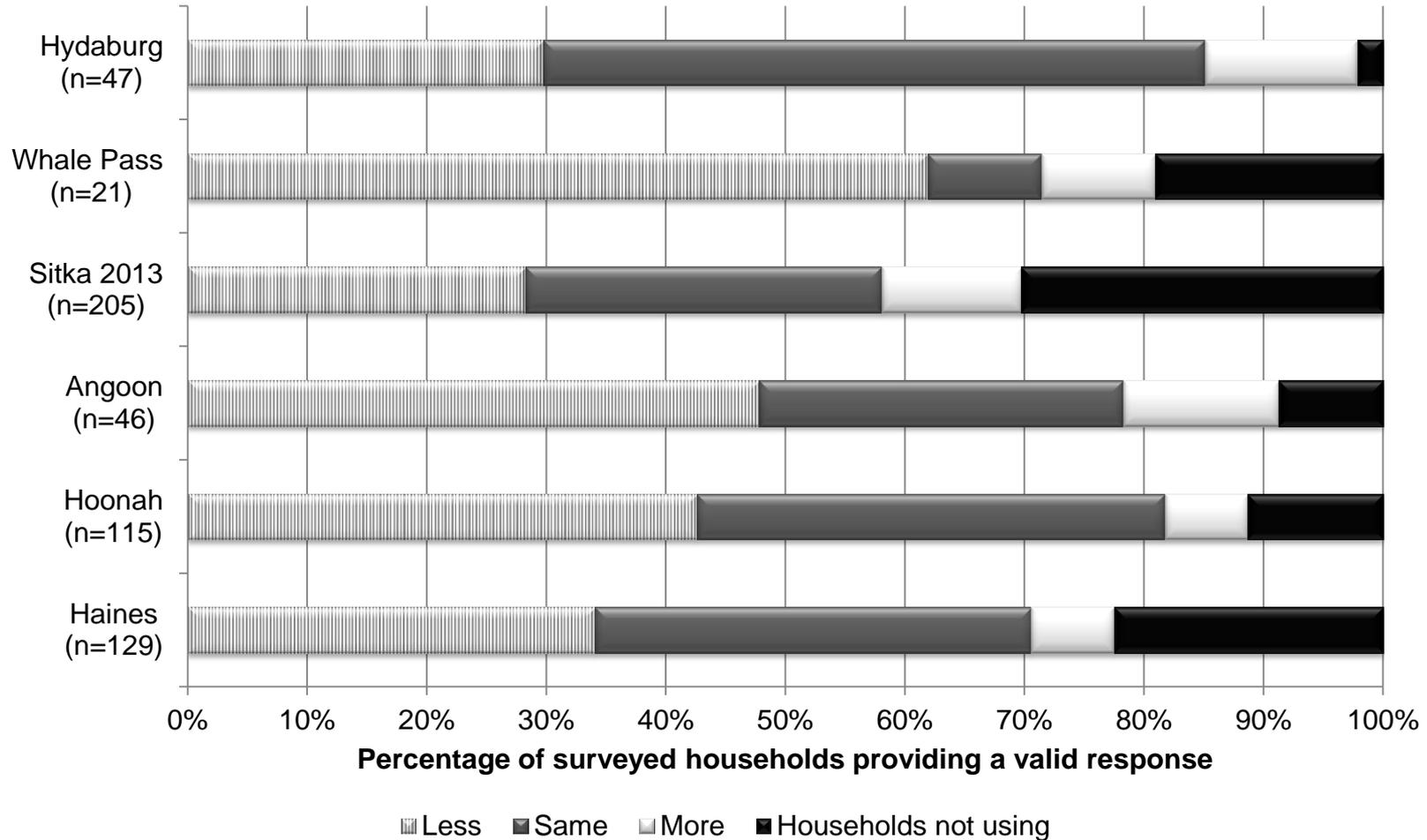


Source: ADF&G household surveys; 2013 Sitka data is preliminary



Community Assessments:

Percent of residents noting 2012 marine invertebrate use as less, same, or more compared to recent years

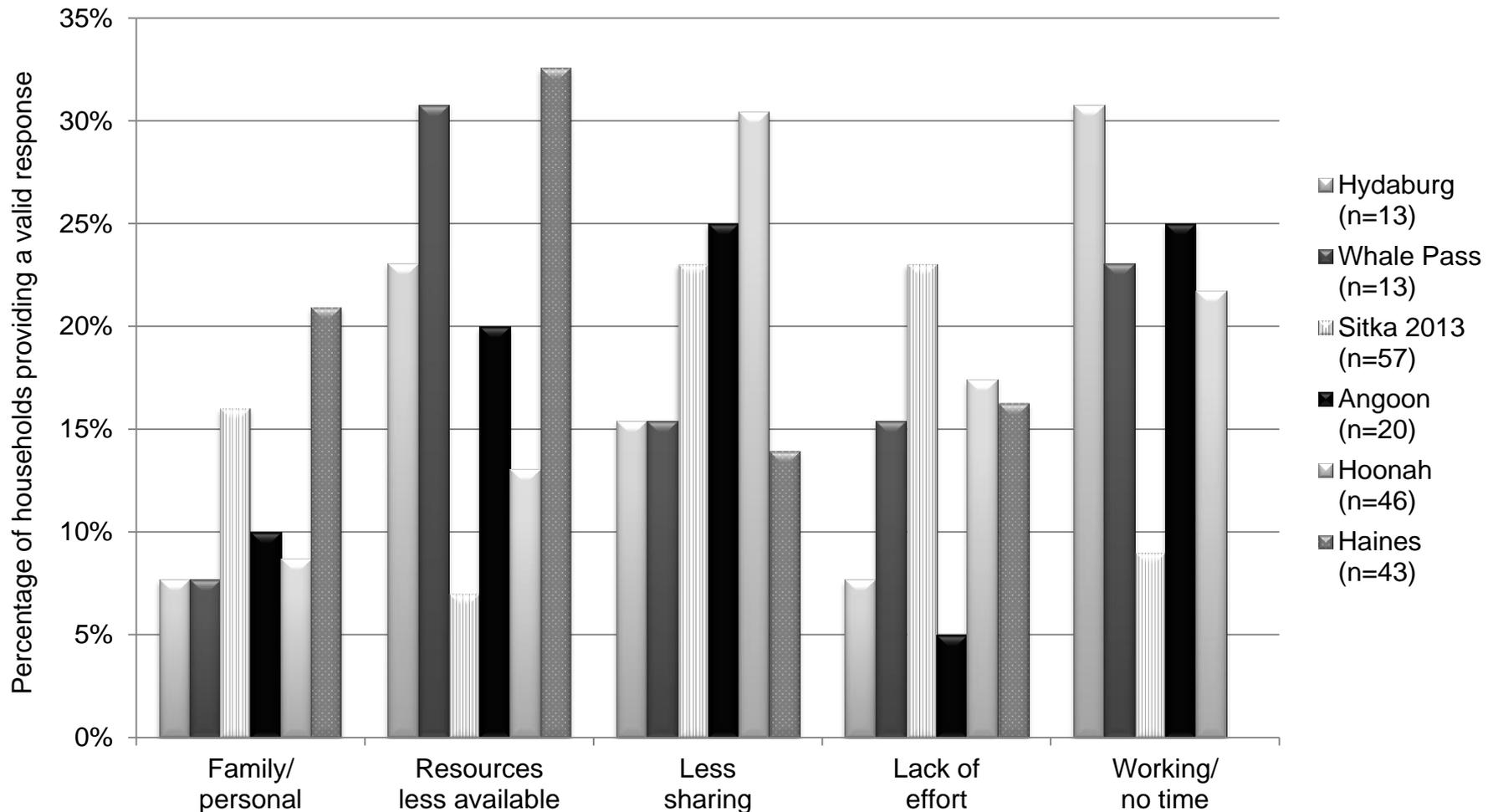


Note The value of "n" is the number of valid responses provided by households

Source: ADF&G household surveys, 2012 and 2013; Sitka data is preliminary



Reasons: Responses offered for why less use of marine invertebrates, 2012



Note The value of “n” is the total number of households reporting reasons for less use

Source: ADF&G household surveys, 2012 and 2013; Sitka data is preliminary



Questions?



Hydaburg harbor, Prince of Wales Island